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CENTRAL FAX CENTER

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REMARKS

The Office Action of 08/28/2006 has been carefully considered. Reconsideration in view of the foregoing amendments and the present remarks is respectfully requested.

Claims 4-7 were rejected as being of improper form. These claims have been canceled.

Claims 1 and 2 were rejected as being indefinite. These claims have been amended paying particular attention to the Examiner's remarks and are now believed to be definite.

Claim 3 was rejected as being unpatentable over Kennedy in view of Daughtry. Claims 1-2 and 4-5 were rejected as being unpatentable over Kennedy in view of Daughtry further in view of Tomita. The rejections state in part:

[I]t would have been obvious...to incorporate the selection technique taught by Daughtry...into the signal quality detecting circuit for FM receivers of Kennedy...as to determine a received signal is surely a desired signal from a valid transmitter and to avoid of accepting an interfering signal or noise or any unwanted signals, by measuring such received signal multiple times and such signal is accepted if most of the times the conditions are met.

These rejections are respectfully traversed.

The Kennedy and Daughtry references are quite different in concept. As a result of these differences, one of ordinary skill in the art would not have combined the references to arrive at the present invention as claimed.

In particular, Daughtry relates to Automatic Frequency Control (AFC) for a cellular telephone. In this application, the frequency of base station transmissions is used to adjust the local oscillator frequency of a cell phone to ensure regulatory compliance during cell phone transmissions. Statistics are compiled on the received signal, which are then analyzed to determine whether or not the received signal should be used for AFC purposes.

Particular reference is made to Figure 3A of Daughtry. In Figure 3A, ten frequency readings are taken of the received signal, and it is determined whether each count is valid based on whether a WordSync signal was correctly received. If at least half the counts were valid, then statistics are computed and analyzed to determine whether or not to use the statistics for AFC. If the statistics are used, they are used to adjust a Pulse Width Modulator (PWM) output that is filtered and applied to a voltage controlled crystal oscillator (VCXO) 130. The VCXO controls operation of a receiver front end 105 and of a transmitter (not shown).

Daughtry in no way relates to channel presets, but relates instead to timebase synchronization between transmitter and receiver. It would not have been obvious to use the teachings of Daughtry in the environment of Kennedy to determine channel presets in the manner of the present invention.

Withdrawal of the rejections and allowance of claims 1-3 is respectfully requested.

Respectfully submitted,



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